

Myeloperoxidase Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2842
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of MPO (aa1-193) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	MPO;myeloperoxidase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils.

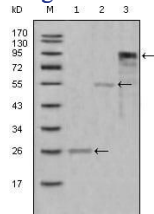
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using MPO mouse mAb against truncated Trx-MPO recombinant protein (1), truncated MBP-MPO (aa1-193) recombinant protein (2) and truncated MPO(aa165-745)-hIgGFc transfected CHO-K1 cell lysate(3).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.